

# EXHIBIT A

**Exhibit A****Joint Claim Construction Chart**

<b>Term or Phrase</b>	<b>Agreed Construction</b>
gamma ray	Radiation having wavelengths of between approximately 0.00001 nm and 0.01 nanometers.
x-ray	Radiation having wavelengths of between approximately 0.01 to 100 nanometers.
scintillator	A transparent single crystal that responds to radiation by emitting observable light.
transparent	Permits passage of observable light.
single crystal	Any solid object in which an orderly three-dimensional arrangement of the atoms, ions, or molecules is substantially repeated.
photodetector	A device that produces an electrical signal in response to received light.
optically coupled	Connected, either directly or indirectly, through a suitable light path.